

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for ~~INDEX~~ **PTO**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Group Art Unit	3764
Examiner Name	
Attorney Docket Number	39262/287702

Sheet	1	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

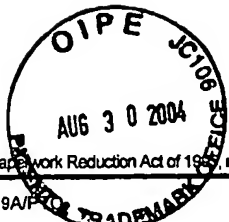
[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PP		0 355 035 B1	02/21/1990	Europe		
PP		0 468 192 B1	09/11/1996	Europe		Claims

Examiner Signature	/Pedro Philogene/	Date Considered	05/10/2006
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

2

Complete if Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Group Art Unit	3764
Examiner Name	
Attorney Docket Number	39262/287702

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PP		Baumgaertel, <i>et al.</i> , "Fracture healing in biological plate osteosynthesis," <i>Injury</i> , 29(Supp. 3):S-C3-S-C6 (1998)	
PP		Bolhofner, <i>et al.</i> , "The Results of Open Reduction and Internal Fixation of Distal Femur Fractures Using a Biologic (Indirect) Reduction Technique," <i>Journal of Orthopaedic Trauma</i> , 10(6):371-377 (1996)	
PP		Farouk, <i>et al.</i> , "Minimally invasive plate osteosynthesis and vascularity: preliminary results of a cadaver injection study," <i>Injury</i> , 28(Supp. 1):S-A7-S-A12 (1997)	
PP		Farouk, <i>et al.</i> , "Minimally Invasive Plate Osteosynthesis: Does Percutaneous Plating Disrupt Femoral Blood Supply Less Than the Traditional Technique?," <i>Journal of Orthopaedic Trauma</i> , 13(6):401-406 (1999)	
PP		Frigg, <i>et al.</i> , "The development of the distal femur Less Invasive Stabilization System (LISS)," <i>Injury, Int. J. Care Injured</i> , 32(S-C24-31 (2001)	
PP		Gerber, <i>et al.</i> , "Biological internal fixation of fractures," <i>Arch. Orthop. Trauma Surg.</i> , 109:295-303 (1990)	
PP		Karnezis, <i>et al.</i> , "'Biological' internal fixation of long bone fractures: a biomechanical study of a 'noncontact' plate system," <i>Injury</i> , 29(9):689-695 (1998)	
PP		Koval, <i>et al.</i> , "Distal Femoral Fixation : A Biomechanical Comparison of the Standard Condylar Buttress Plate, a Locked Buttress Plate, and the 95-Degree Blade Plate," <i>Journal of Orthopaedic Trauma</i> , 11(7):521-524 (1997)	
PP		Krettek, <i>et al.</i> , "Minimally invasive percutaneous plate osteosynthesis (MIPPO) using the DCS in proximal and distal femoral fractures," <i>Injury</i> , 28(Supp. 1):S-A20-S-A30 (1997)	
PP		Krettek, <i>et al.</i> , "Intraoperative control of axes, rotation and length in femoral and tibial fractures," <i>Injury</i> , 29(Supp. 3):S-C-29-S-C39 (1998)	
PP		Miclau, <i>et al.</i> , "A Mechanical comparison of the Dynamic Compression Plate, Limited Contact-Dynamic Compression Plate, and Point Contact Fixator," <i>Journal of Orthopaedic Trauma</i> , 9(1):17-22 (1995)	
PP		Rüedi, <i>et al.</i> , "New Techniques in Indirect Reduction of Long Bone Fractures," <i>Clinical Orthopaedics and Related Research</i> , No. 347:27-34 (1998)	
PP		Schavan, <i>et al.</i> , "LISS - The Less Invasive Stabilization System for Metaphyseal Fractures of Femur and Tibia," <i>OTA 98 Posters</i> (1998)	

Examiner
Signature

/Pedro Philogene/

Date
Considered

05/10/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

2

Complete If Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Group Art Unit	3764
Examiner Name	
Attorney Docket Number	39262/287702

U.S. PATENT DOCUMENTS

Examine r Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PP		Re. 31,628	07/10/1984	Allgower, et al.	
		4,484,570	11/27/1984	Sutter, et al.	
		5,085,660	02/04/1992	Lin	
		5,470,333	11/28/1995	Ray	
		5,601,553	02/11/1997	Trebing, et al.	
		5,676,667	10/14/1997	Hausman	
		5,709,686	01/20/1998	Talos, et al.	
		5,954,722	09/21/1999	Bono	
		5,968,046	10/19/1999	Castleman	
		6,176,861 B1	01/23/2001	Bernstein, et al.	
		6,193,721	02/27/2001	Michelson	
		6,206,881 B1	03/27/2001	Frigg, et al.	
		6,306,136 B1	10/23/2001	Baccelli	
		6,358,250 B1	03/19/2002	Orbay	
		6,361,537	03/26/2002	Anderson	
		2002/0045901 A1	04/18/2002	Wagner, et al.	
		2002/0058940 A1	05/16/2002	Frigg, et al.	
		6,235,033 B1	05/22/2001	Brace, et al.	
		6,413,259	07/02/2002	Lyons et al.	
		6,428,542	08/06/2002	Michelson	
		6,440,135 B1	08/27/2002	Orbay, et al.	
		6,454,769	09/24/2002	Wagner et al.	
		6,506,191	01/14/2003	Joos	
		2002/0143338 A1	10/03/2002	Orbay, et al.	
		2001/0047174	11/29/2001	Donno et al.	
		2001/0037112	11/01/2001	Brace et al.	

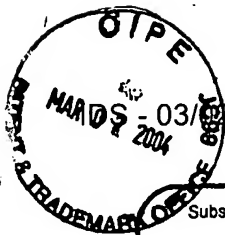
Examiner Signature

/Pedro Philogene/

Date Considered

05/10/2006

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



03/02/2004

PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

2

Attorney Docket Number 39262/287702

Complete if Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Group Art Unit	3764
Examiner Name	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PP		EP 0 760 632 B1	03/12/1997	Europe		
		0 486 762 B1	05/17/1995	Europe		
		WO 01/19267 A1	03/22/2001	PCT		
		EP 1169971	01/09/2002	Europe		
		WO 02/058574	08/01/2002	PCT		
		WO 01/91660	12/06/2001	PCT		
		WO 02/096309 A1	12/05/2002	PCT		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PP		Frigg, et al. "LCP: The Locking Compression Plate System," Bone Zone (undated)	
		Brochure entitled "INTRODUCING PEAK™ POLYAXIAL ANTERIOR CERVICAL PLATE, by DEPUY MOTECH, one page, undated	
		Brochure entitled "INTRODUCING THE PROFILE™ ANTERIOR THORACOLUMBAR COMPRESSION PLATE, by DUPLY MOTECH, one page, undated	
		Marti, et al., "Biomechanical Evaluation of the Less Invasive Stabilization System for the Internal Fixation of Distal Femur Fractures," <i>Journal of Orthopaedic Trauma</i> , 15(7):482-487, 2001	

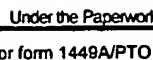
Examiner
Signature

/Pedro Philogene/

Date
Considered

05/10/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



(use as many sheets as necessary)

Sheet

1

of

1

Application Number

Complete if Known

10/673.833

Filing Date

September 29, 2003

First Named Inventor

Darin GERLACH

Group Art Unit

3764

Examiner Name

Attorney Docket Number

39262/287702

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PP		DE 43 43 117 A1	06/22/1995	Germany		Abstr

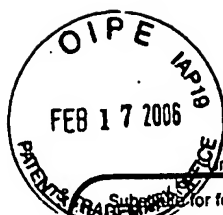
Examiner Signature

/Pedro Philogene/

Date Considered

05/10/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Complete If Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Group Art Unit	3764
Examiner Name	
Attorney Docket Number	39262/287702

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PP		5,324,291	06/28/1994	Ries, et al.	
		5,395,374	03/07/1995	Miller, et al.	
		5,415,658	05/16/1995	Kipela, et al.	
		5,665,088	09/09/1997	Gil, et al.	
		5,964,769	10/12/1999	Wagner, et al.	
		6,391,030	05/21/2002	Wagner, et al.	
		2004/0087954 A1	05/06/2004	Allen, et al.	
		2005/0107796 A1	05/19/2005	Gerlach, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PP		WO 05/032386 A1	04/19/2005	Smith & Nephew		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner
Signature

/Pedro Philogene/

Date

Considered

05/10/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/673,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Art Unit	3733
Examiner Name	PHIOGENE, Pedro
Attorney Docket Number	39262/287702

[illegible][illegible]

Examiner Signature	/Pedro Philogene/	Date Considered	05/10/2006
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on this document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9189 and select option 2.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. CMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/573,833
Filing Date	September 29, 2003
First Named Inventor	Darin GERLACH
Art Unit	3733
Examiner Name	Philogene, Pedro
Attorney Docket Number	39262/287702

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
PP		US-802,040	10-27-1908	Wyckoff	
		US- 2,601,978	05-28-1890	Wichman	
		US- 5,627,310	06-18-1998	Cole, et al.	
		US- 5,638,127	07-16-1898	Pennig	
		US- 5,702,399	12-30-1997	Kilpeta, et al.	
		US-6,129,730	10-10-2000	Bono, et al.	
		US- 6,308,140	10-23-2001	Siddiqui	
		US- 6,358,043	03-12-2002	Adam	
		US- 2003/0018336	01-23-2003	Michelson	
		US- 6,882,533	01-27-2004	Dinsdale, et al.	
		US- 2004/0044345	03-04-2004	DeMoss, et al.	
		US- 2004/0073218	04-15-2004	Dahners	
		US- 6,730,091	05-04-2004	Pfefferle, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T *
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature	/Pedro Philogene/	Date Considered	05/10/2006
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.